Sequence Alifornean between sea in No. 10/051.835 and sage see in No. 7 of 09/996952 (or U.S. Pub. NO. 2003/0170627)

| Spa | RESULT 1 US-09-974-298-126 Sequence 126, Application US/09974298 Sequence 126, Application US/09974298 Sequence 126, Application US/09974298 GENERAL INFORMATION: APPLICANT: Chen, Hugh-Mei TITLE OF INVENTION GENES EXPRESSED IN BREAST CANCER FILE REFERENCE: PX-0037 P CURRENT HILING FATE: 2001-10-04 PRIOR APPLICATION NUMBER: 60/238,331 PRIOR FILING FATE: 2000-05-10 NUMBER OF SEQ ID NOS: 194 SOFTWARE: PERL Program SOFTWARE: PERL Program SOFTWARE: PERL Program ORGANISM: Homo sapiens FEATURE: NAME/KEY: misc_feature | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | \Result Query |
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| . 8 | ES | Sequence 126, Appli Sequence 17, Appli Sequence 13, Appli Sequence 13, Appli Sequence 126, Appli Sequence 126, Appli Sequence 17, Appli Sequence 17, Appli Sequence 7668, Appli Sequence 3117, Appli Sequence 31717, Appli Sequence 334, Appli Sequence 334, Appli Sequence 347, Appli Sequence 4519, Appli Sequence 4519, Appli Sequence 4519, Appli Sequence 4519, Appli Sequence 4619, Appli Sequence 4619, Appli Sequence 5288, Appli Sequence 5288, Appli Sequence 5290, Appli Seq | |
| (| NUMBER OF SEQ ID NOS: 9 SOFTWARE: PERL Program ; SEQ ID NO 7 ; LENGTH: 509 ; TYPE: DNA CORGANISM: Homo sapiens FEATURE: ; NAME/KEY: misc_feature ; OTHER INFORMATION: Incyte ID No: US-09-96-952-7 Query Match Best Local Similarity 100.0%; Sometimes Matches 509; Conservative 0; Pu Matches 509; Conservative 0; Pu Matches 509; Conservative 10; Pu Matches 509; Conservative 0; Pu Matches 609; Conservative 0; Pu Matches 609; Conservative 0; Pu Matches 609; Conservative 0; Pu Matc | | ; OTHER INFORMATION: Incyce ID No: US-09-974-298-126 |

| US-09-96-952-7 Sequence 7, Application US/09996952 GENERAL INFORMATION: APPLICANT: Walker, Michael G. APPLICANT: Wong, Sophia Mi-Ling APPLICANT: Wong, Sophia Mi-Ling APPLICANT: Wong, Sophia CO-EXPRESSED WITH PLACENTAL STEROID SYNTHESIS G FILE REFERENCE: PB-0016 US CURRENT INVENTION: CDNAS CO-EXPRESSED WITH PLACENTAL STEROID SYNTHESIS G FILE REFERENCE: PB-0016 US CURRENT FILING DATE: 2001-11-27 NUMBER OF SEQ ID NOS: 9 SOFTWARE: PERL Program SEQ ID NO 7 LENGTH: 509 TYPE: DNA CORGANISM: Homo sapiens FEATURE: NAME/KEY: misc feature COTHER INFORMATION: Incyte ID No: 253708 US-09-996-952-7 CURETY Match Best Local Similarity 100.0%; Score 509; DB 42; Length 509; Best Local Similarity 100.0%; Pred. No. 2e-124; Matches 509; Conservative 0; Mismatches 0; Indels 0; Gaps OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF | Match Local Similarity 100.0%; Score 509; DB 41; Length 509; Local Similarity 100.0%; Pred. No. 2e-124; Local S |
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Best Local Sim
Matches 509;
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CARDERAL INFORMATION:
ARPLICANT: JONES, David A.
APPLICANT: Lasek, Amy W.
TITLE OF INVENTION: GENES REGULATED BY DNA METHYLATION IN TUMOR CELLS
FILE REFERENCE: PA-0044 US
CURRENT APPLICATION NUMBER: US/10/051,835
CURRENT FILING DATE: 2002-01-16
NUMBER OF SEG ID NOS: 25
SOFTWARE: PERIO Program
SEG ID NO 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -10-051-835-11
                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte
                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                       LENGTH: 509
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CGCAGCTGTGAAATATGATTTGGCGAGGAAGATCAACATATAG
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Sequence 35, Application US/10093766
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
APPLICANT: Lasek, Amy W.
APPLICANT: Vanes, David A.
APPLICANT: Karpf, Adam R.
TITLE OF INVENTION: GENEX REGULATED BY
THE REFERENCE: PA-0047 UN
CURRENT APPLICATION NUMBER US/10/093,
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PERL PROGRAM
SEQ ID NO 35
LENGTH: 509
TYPE: DAY
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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID
US-10-093-766-35
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US-10-093-766-35
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RESULT 1

US-09-974-298-126

Sequence 126, Application US/09974298

GENERAL INFORMATION:

APPLICANT: Chen, Hugh-Mei

TITLE OF INVENTION GENES EXPRESSED IN BREAST CANCER

FILE REFERENCE: Pp.0037 p

CURRENT APPLICATION NUMBER: US/09/974,298

CURRENT FILING PATE: 2001-10-04

PRIOR APPLICATION NUMBER: 600/238,331

PRIOR APPLICATION NUMBER: 000/238,331

PRIOR FILING DATE: 2000-65-10

NUMBER OF SEQ ID NOS: 194

SEQ ID NO 326

LENGTH; 509 LENGTH:/509
TYPE:/ONA
ORCAN/ISM: Homo sapiens
FEA/URE:
FEA/URE:
NAME/KEY: misc_feature

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GAGTTGTGAGGGTGTGAGGGTCCCGCTGTCTGGACTTTTTCTGTCCCACTGAGA GAGTTGTGAGGGTGTGAGGGTCGCGTTCCTGCTGTCTGGACTTTTTCTGTCCCACTGAGA

Query Match
Best Local Similarity
Matches 509; Conserv

Conservative

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100.0%;

Score 509; DB 42 Pred. No. 2e-124;); Mismatches 0

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Indels Length

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Gaps

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 253708
US-09-996-952-7

TYPE: DNA

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LENGTH: 509
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Best Local Similarity
Matches 509; Conser
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APPLICANT: Lasek, Amy M.
TITLE OF INVENTION: GENES REGULATED BY DNA
FILE REFERENCE: PA-0044 US
CURRENT APPLICATION NUMBER: US/10/051,835
CURRENT FIXING DATE: 2002-01-16
NUMBER OF SEQ ID NOS: 25
SOFTMALE: PERL Program
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                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No:
                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                   AAGTGTACCACCTCCTGAGCTGATTGGGGCCTATGCTGGAGGCCCGGTGATGAGGAGCCTCA 180
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llarity 100.0%; Pred. W. 2e-
Conservative 0; Mismatches
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GCAAGAACCACCAACTGAAAGTCGGGATCCTGCACCTGGTCAGGAGAGAAGAAGAAGA

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APPLICANT: JONES, JANY W.
APPLICANT: JONES, DAYG A.
APPLICANT: JONES, DAYG A.
APPLICANT: JONES, DAYG A.
APPLICANT: Warpf, Adam R.
ITILE OF INVENTION: GENEX REGULATED BY DNA M.
FILE REFERENCE: PA-0047 UN
CURRENT APPLICATION NUMBER: UN/10/093,766
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PERL Program
SEQ ID NO 35
LENGTH: 509
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID NO: 064546CB1
US-10-093-766-35
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Best Local Similarity
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GENERAL INFORMATION:
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Pred. No. 2e-124;
; Mismatches 0
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SEQUENCE 11, Application US/10051835
GENERAL INFORMATION:
APPLICANT: Jones, David A.
APPLICANT: Jones, David A.
APPLICANT: Lasek, Amy W.
TITLE OF INVENTION: GENES REGULATED BY NA M.
FILE REFERENCE: PA-0044 US
CURRENT APPLICATION NUMBER: US/10/051,835
CURRENT FILING DATE: 2002-01-76
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PERL PROGRAM
SEQ ID NO 11
LENGTH: 509
TYPE: DNA
DRGANISM: Homo sapiens
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; NAME/KEY: misc feature
; OTHER INFORMATION: The:
US-10-051-835-11
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Best Local Sim
Matches 509;
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GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
APPLICANT: Jones, David A.
APPLICANT: Karpf, Adam R.
TITLE OF INVENTION: GENES REGULATED BY DNA METHYLATION IN COLON TUMORS
FILE REFERENCE: PA-0047 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 61
SOFTWARE: PERL Program
SEQ ID NO 35
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CURRENT FILING DATE: 2002-03-07
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 064516CB1
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361 ATCAGAACAATTTAAAATGCCAGAAGGAGGTGACAGGCAACCACAGGTTTAAATGAAGAC
                                         301 GTCAAAGACTGGGGGTGAATGTGGAAATGGTCCTGATGACCAGGGGAAGATTCTGCCAAA
                                                                               301 GTCAAAGACTGGGGGTGAATGTGGAAATGGTCCTGATGACCAGGGGAAGATTCTGCCAAA 360
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Pred. No. 2e-124;
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SEQUERAL INFORMATION:
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Best Local
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APRLICANT: La1, Freeti
APRLICANT: La1, Preeti
APPLICANT: Diep, Dinh
TITLE OF INVENTION: Method for the Identification of Sequence Polymorphisms Using
TITLE OF INVENTION: Polymucleotide Sequence Databases, and Single Nucleotide Polymorp
FILE REPRENCE: GX-0008 P
CURRENT ARPLICATION NUMBER: US/60/172,377
CURRENT FIRING DATE: 1999-12-16
NUMBER OF SEQ ID NOS: 13,749
SOFTWARE: PER Program
SEQ ID NO 13437
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OTHER INFORMATION: In-
-60-172-377-13437
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ORGANISM: Homo sapi
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Pred. No. 2e-124;
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FEATURE:
NAME/KEY: misc feature
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GENERAL INFORMATION:
       Requence 7, Application US/60253425
GENERAL INFORMATION:
APPLICANT:
Walker, Michael G.
APPLICANT: Wong, Sophia Mi-Ling
TITLE OF INVENTION: CDNAS CO-EXPRESSED WITH PLACENTAL STEROID SYNTHESIS GRNES
FILE REFERENCE: PB-0016 P
CURRENT APPLICATION NUMBER: US/60/253,425
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Best Local Similarity
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NTLE OF INVENTION: GENES EXPRESSED IN BREAST CANCER
FTNE REFERENCE: PA-0037 P
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100.0%; Pred. No. 2e-124;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GATTGGGCCTÄTGCTGGAGCCCGGTGATGAGGAGCCTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GTCGGGATCCTGCACCTGGTCAGGAGAGAGAAGAAGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GGGATCCTGCACCTGGTCAGGAGAGAGAAGAAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTGTCTGGACTTTTTCTGTCCCACTGAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 80;
                                                                                                                                                                                                                                                                                                                                                                                                                                          CTGATGACCAGGGGAAGATTCTGCCAAA
                                                                                                                                                                                                                                                                                                                                                                                                         TGACCAGGGGAAGATTCTGCCAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 509;
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| | .8 18.3 1661 102 US-60-455-444-2343 | 18.3 1661 102 US-60-453-135-4809 | 18.4 2180 30 US-09-716-972-4327 S | 18.4 2180 29 US-09-699-998-8945 | 18.4 2180 27 US-09-652-121-7180 | 18.4 2180 27 US-09-644-868-9326 | 18. 2161 84 US-60-278-258-11926 | 18.4 2068 43 US-10-044-090-519 S | .4 1714 101 US-60-440-068-219 .4 1714 103 US-60-469-757-219 | 18.4 1714 55 US-10-531-467-80 | 18.4 1714 1 PCT-US03-13015-4 | 18.4 1661 46 US-10-170-235-20647 18.4 1678 20 US-09-488-725B-7186 | 21.2 757 47 US-10-212-778-518 | 21.7 548 27 US-09-69X-126-3548 | 26.2 680 47 US-10-312-778-164 | 680 31 US-09-758-449-164 | .8 42.4 1892 26 US-09-637-886-20028 | 49.7 2527 34 US-09-834-975-824 | 9.2 53.5 1529 \7 US-09-919-002-657 | 9.2 53.5 1529 19 US-09-359-922-657 | 1357 54.6 1506 27 US-09-644-868-8607 | 2741 89 US-60-323-784-82 | 8 54.7 2741 47 US-10-247-671-82 | 26231 105 US-60-485-450-12087 | .4 \5.0 26231 103 US-60-466-412-85903 | 2484 84 US-60-278-258-11923 26231 103 US-60-465-241-52325 | 100.0 2484 83 US-60-262-451-18 | 100.0 2484 83 US-60-260-483-692 | 2484 43 US-10-044-090-692 S | Score Match Length DB ID Desc |) - |
|--|---|--|-----------------------------------|---|--|---|--|----------------------------------|--|--|---|---|--|--------------------------------|---|--|-------------------------------------|---|---|---|--------------------------------------|---|--|--|--|--|--|--|---|--------------------------------------|--------|
| Qy | | Sequence 4809, Ap | 4327, 80 | Sequence 9321, Ap Db | | Sequence 6745, Ap | | 519, App | , Age Age | Sequence 80, Appl Ov | Sequence 4, Appli Db | 20647 | sequence 518, App | 3548, Ap | 164, | Sequence 9709, Ap Sequence 164, App | 10028, A | Sequence 702, App Ov | 657, | Sequence 657, App Sequence 657, App | 8607, Ap | sequence 56, Appl Db | 82, | e 12087, | Sequence 85903, A | 11923, A 52325 A | . سر | Sequence 692 App | 692, App | Description Query | Î |
| 661 TAGGTGAAAGGACTGCTGGCTTACTTGCATAATGCCTGTCTTCTCTACCAAGATTGTTAG 720 | 601 CACTCCTGCTATTTTAGCTCTCAGAGTTACATGTCCTTTCCTCAGAGAGGCCTTACTTGAC 660 | 601 CACTCCTGCTATTTTAGCTCTCAGATTACATGTCCTTTTCCTCACAGAGGCCCTTACTTGAC 660 | | 541 GCAGATIGCCTCTTATCTAGAACACTTTCAGCCATATCCTTATCTTTTTTACCTAGACT 600 | 541 GCAGATIGCCTCTTATCTAGAACACTTTCAGCCATATCCTTATTCTCTTTAGCAGACT 600 | 481 CTTGCGCTCTGCTTGATGGTACCAGCTTTTTTTTTCTGAATGCTCTTACTTCCATCTGTGG 540 | TOT CLICKE TO THE CONTROL OF THE CON | | | 421 TTTCCCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA | 361 GCAGTTAATAATCTTTGCATATATCATTTTGCATTTTTGTAGTATATCAGTGGGACAGA 420 | 361 GCAGTTAATAATCTTTGCATATATCATTTTTGCATTTTTGTCAGTATATCAGTGGGACAGA 420 | 301 TATATTGACTTATCAGACATTGTTTAACTGACATGCCATTTTTCTGCTACAAATGTTCCA 360 | | 301 TATATTGACTTATCAGACATTGTTTAACTGACATGGCATTTTTTCTGCTACAAATGTTCCA 360 | 241 AACAAAGTACATATAAATTTGCTGCTACTCCCTTCTTAGAGAAGTGGTAGAAAACTATGT 300 | | 241° AACAAACTACATATAAAATTTCCCTTCCCTTCCTTCCTT | 181 TCCCCTCTTCCCATTAGTAACCATATAAAATTTATATTTTTACTTGCCTTTTAAAATATGT 240 | 181 TCCCCTCTTCCCATTAGTAACCATATAAAATTTTATATTTTACTTGCCTTTTAAAATATGT 240 | | 121 TACABARTARTGTATACTCTATCTTTTCTTTCTTCTTCTCTCTCTTTTCTTTTTT | 121 TACAAAATAATGTATAGTCAAAGAATCTATCTTCCTTCTCTGCCCCCTTCAAATAAAT | 61 TGTTÄÄGTTÄÄTTTGGTTTTÄTÄTTTÄTGTTÄĞCÄTTTÄTGTGGTTCÄÄÄGÄTCÄÄÄTC 120 | or igitawgitamiriggittimimiritimigitalifimigitalificaangaicaanic 120 | | 1 GTTTATTCTTGTATTATAACCATAACAGTTCACTAATTAAATTTAAATTTAGGAATTGAAT 60 | 1 GITTATTCTTGTATTATCATTAACCATAACAGTTCACTAATTAAATTTAAATTTAGGAATTGAAT 60 | MALCHES 2404; CONSERVACIVE U; MISMACCHES U; INCELS U; Gaps U; | 100.0%; Score 2484; DB 43; Length 24 | |

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RESULT 1
US-10-044-090-692
; Sequence 692, Application US/10044090
; GENERAL INFORMATION:
; APPLICANT: Olga: Bandman
; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
; FILE REFERENCE: PA-0028 US
; CURRENT APPLICATION NUMBER: US/10/044,090
; CURRENT FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 850
; SECTIVARE: PERL PROGram
; SEQ ID NO 692
; LENGTH: 2484
; TYPE: DNA
; ORGANISM: Homo sapiens

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841 ACAGTTTAATCCCATGGAATCAAATTAAATCATCATGACTACATTGATTCCCCATC 900

ACAGTTTAATCCCATGGAATCAATCAAATTAAATCATCATGACTACATTGATTCCCCATC 900

960

781 GGTACATAGTTTGTGCTCATAAATATTTTTTGAATTAATATCTTGCTTTATGTCTACCTT 840

GGTACATAGTTTGTGCTCATAAATATTTTTTGAATTAATATCTTGCTTTATGTCTACCTT

840

721 CCTCATACTATTAGAGACTTTTCTGTTTTGTTTACCATTTGATTCACTTGCACAGTGCCT 661 TAGGTGAAAGGACTGCCTTACTTGCATAATGCCTGTCTTCTCTACCAAGATTGTTAG

CCTCATACTATTAGAGACTTTTCTGTTTTACCATTTGATTCACTTGCACAGTGCCT

780 780 720

961 961

CTCCTCTCAGATGATAGTAAAGATCAAAAGAATTCGAAGGGAGTTGGTAAACGCTGGTGT 1020 CTCCTCTCAGATGATAGTAAAGATCAAAAGAATTCGAAGGGAGTTGGTAAACGCTGGTGT 1020 GCTGAAGGACAGAATTCATTGTGTGGCATTTGTATTTGATGCCAGCTCTATTCAATACTT 960 GCTGAAGGACAGAATTCATTGTGTGGCATTTGTATTTGATGCCAGCTCTATTCAATACTT ALIGNMENTS

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FEATURE:

NAME/KEY: misc_feature

OTHER INFORMATION: Incyte ID No: 231486.18
US-10-044-090-692

| ו ט ט | 01 GIGGICCAATATICCTCTTCCCTCTGGTTGCCTTTCCTGAGATAATCCACTAAGAATATT | 2041 |
|---------------------------|--|---------------|
| 3 <u>6 6</u> | TIGCIGGGAAACICICAIGTIACIAACITIGTIGCICIAACICIGCCAICTIGGII | 19 |
| \{\bar{2} = \{\bar{2}} | 21 TTTAGTGCTTGGGAAATCAATTCAGAATATCACATCCTCTCCAATTCTCTTACTC | 15 15 |
| $\mathbf{z} = \mathbf{z}$ | 61 GCTGCTCTGTTCCATTTAGAGATTTGACAGAGGTTTCAGTTTAGTATACTCAAATCTT | מ ב |
| >> | 01 TAATGGCCACCGCAFTTAGTATATACATAAACTTTCTTTTAACAATCTGTGCATAGTAC | 8 B |
| 보 | 41 TCATCTTAGTCCCTCTTCATGCAGTATGGTCATTGCTAGGTAGAGGTATGTCCTTTTA | 17 |
| 3-3 | 81 CCCCTTCCTTAGGACCTTACACTCCTGTCTTTCTTTGACTTGCCTTTTTGTTTCTTTC | 16 |
| 77 | 21 GGACCTAGAACTGGATTGGATTGGCATTGCTCCTGATCAGATGAGACCTTTGATTATT | 16 |
| 보ㅡ병 | 61 TOTOTGAACATOCCAAGOTGTATCCCTGGGCTCTTTTCTCAGAGTATGTTTCTTTACT | בן בן או ס |
| PB | 01 GTTTTCCCTTTTTGTCTTGAGATGAAAGTTTTAAAATAATCCACCTCTGTCATTTCC | ים ע מט פט |
| <i>y</i> — <i>y</i> | 41 ATTITICCCICCTIGCATTICCCICTITITCCIGGAGITCATACTAGAGAATCIGCACT) | 14 |
| ω <u>,—</u> ω | 81 GTCTTTTTGTGGGTTGTTGCCCTGTGATTAGTTCTGCTTTTTAACCCACTCCCTGGAT | 13 |
| (1(1 | 21 GAAGCGGTCAGGTAGTTGGCTACTTTCTGCTTGGATCTATTAAATACCTGGCAGCTCTCTCT | 13 |
| 7-2 | 61 CTTCTTAGAGGATTIGCCTTTTGAGCAAATAGGTAGATGGTTTGGTGGTGTGGAAGCT! | 12 |
| 6i—6i | 01 CCCTGTAAAGGATGTTCTAATTCTTTCTGCTCTGAGACGAATGCTATGGGCTGCAGAT | 12 |
| 6363 | 41 TGGATTTGCTCTTTCTGACATCTCGGTGGTTAGCAATTATTCCTCTGAGTGGGAGCTG | 11 |
| ú—ú | 81 TATAGAAATAGAAGAGATGTGAGCCTGTGAGGTCCAAGCTAGAGGAAGTCCAAAGAAAA | 10 |
| Q-Q | 21 GGTACATGTGGCTTTGCTCACTCATGTGGATAGCATGGATTTGATTACAAAAGGTGAC | 10 10 |

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| 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | D |
|--|--|
| US-10-051-335-18 Sequence 18, Application US/10051835 Sequence 18, Application US/10051835 Septence 18, Application US/10051835 SEREMAL INFORMATION: Lasek, Amy W. APPLICANT: Lasek, Amy W. APPLICANT: Lasek, Amy W. TYLE OF INVENTION: SERIES REGULATED BY DNA METHYLATION IN TUMOR CELLS FING REFERENCE: PA-0044 US CURRENT APPLICATION UNDER: US/10/051,835 CURRENT PELICATE UNDES: 2502-01-16 INDUST: DOS: 25 SOFTMARS: ERL PROGRAM SEQ ID NOS: 25 SOFTMARS: REFL PROGRAM SEQ ID NOS: 25 SOFTMARS: Nose feature OTHER INFORMATION: Incite ID No: 231486.18 CREATURE: Nisc feature OTHER INFORMATION: Incite ID No: 231486.18 CREATURE: Nose of the program OCCUPY MATCH: 100.04; Prest No. 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Length 2484; Mismatches 0; Indels 0; Mismatches 0; Indels 0; Gaps 0; Matches 2484; Length 2484; Mismatches 2484; Length 2484; Mismatches 2484; Length 2484; Mismatches 0; Mismatches 0; Indels 0; Mis | ### STORY OF THE PROPERTY OF T |

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| GTTGCCAATCATTAAA GTACTTGTTAACATTAGAA GTACTATCTATCTATGAA GTACTATCTATCTATGAA GTACTATCTATGAA GTACTATCTATGAA GTACTATCTATGAA GTACTATCTATGAA CAACAAGTGGAGTG [| |
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| US-10-64-817-197 US-10-64-817-197 Sequence 197, Application US/10084817 APPLICANT: Susan Stuart A | , |

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| 1321 GTTGCCAAGGGGTAGAAAATAATATGTGTGTTGTTATGTTAAGATATTAT | 1261 AAGATGGTTTTAGAAAGCTTTGTCTAAAAATTTGGCCTAGGAATGGTAACTTCATTTTCA 1320 | 1201 TCATCTCAGGATGAATCTTTTATGTCTTTTATIGTAAGCATAICTGAATTTACTTTATA 1260 | 1141 GAATGGATTACATGGTAGTGATGCACTGGTAGAAATGGTTTTTAGTTATTGACTCAGAAT 1200 | TTATTGGG | TATGCACATGTCAGAAAAAGGCAAGACAAATGGCCTCTTGTACTGAATACTTCGGCAAAC 108 | CGTAGTTGTTTTTTACTGATACTAAATGTTGGCTACCTGTGATTTTATAG 10 | TGTGTTAAGGCTGTATCATTTAATGCTATGAGATACATTGTTTTCTCCCTATGCCAAACA 9 TGTGTTAAGGCTGTATCATTTAATGCTATGAGATACATTGTTTTCTCCCTATGCCAAACA 9 | AGTATGACTTTCACTAGAACTTCTCAACATTTGGGAACTTTTGCAAATATGAGCATCATA | TARDATT TOTAL CONTROL TO THE PROPERTY OF THE P | 1 LANGEL CLANGEACHACHAGA TO LA STATE AND A LOCAL CONTROL OF THE CO | OI AGIITITUCCIIAIGAATGIIALIACIACIGGIALAAAALAAALAAALILAAALILAAALIAAALI | 1 AGENTITICCTARGENTITITANG FARIT CONTINUE TO THE TOTAL AGENT CONTINUE TO THE TOTAL AGE | 81 TOFTATTGCTCTGAAAGAAG | 21 AACGAICTAIGITAAAIGACIGIGIAIAIGAATIAITICAAGIACIACCACCCAAAIAACI 81 TCTTAITGCTCTGAAAGAAGAAAAGCAATGTAAATCACTATGATTAITGCACAAACAACC | AACGATCTATGTTAAATGACTGTGTATATGAATTATTTCAAGTACTACCCCAAATAACTT | 361 AACATACTTTGAAGAATGAAACAGATTGTTCCCATGAATGTATGCTCATACTCGACTAGA 420 |
|--|--|---|--|---|--|---|---|--|--|--|--|--|--|--|---|--|
| SEQUENCE 474 SEQUENCE 116-802-474 SEQUENCE INFORMATION APPLICANT: Amy Lasek TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER FILE REFERENCE-FA-0045 US CURRENT-APPLICATION NUMBER: US/10/116,802 | Db 2341 TTACAT 2346 | 281 TITACAT 2346 | 2221 IGRAIIANIGA IALACCIGICACCICIONICIO CON CONTROL CO | 2161 TATGGAA 2161 TATGGAA | aagtaagtgtgtttgttttcatcttatggaaactcttgatggatg | | Qy 1981 ATATGTGAAATAAAATGGATTCTTTCTATAGCTAAATGAGTTCCCTCTGGGGAGAGTTCTG 2040 | Qy 1921 TCATCTGTGGATTGCGTTGTTTAGGGTTCCTAGCACTGATGCCTGCACAAGCATGTG 1980 | Qy 1861 TCCAATCATATTAGAACTAAGATATTTATCTATGAAGATATAAATGGTGCAGAGAGACTT 1920 | Qy 1801 ATGTCTTACATTGATAAAATTCTTAAAGAGCAAAACTGCATTTATTT | Qy 1741 GCACTGTGATCATGAAACTTAGTAGAGGGGATTGTGTGTATTTATACAAATTTAATACA 1800 | Qy 1681 GAGTGATCCTCAATATCCTAACTAGCTGGTCCTCAACCAGAGTTTCTTCACTCTG 1740 | OY 1621 GGCATCGTGGGTTTGGTCTAGTGATTGAAAACACAGAAGAACAGAGAGAG | OY 1561 TCCCTAACTTGGATCTGGAATGCATTAGGACCTTGTACCATTCCCAGAATTTCAGG 1620 | Qy 1501 GATATGCTGGCAGCCATCTCTTTGATCTGTGCTTAAACTGTAATTTATAGACCAGCTAAA 1560 | QY 1441 CAACAAGTGGAGTCCATTTAGCCCCAGTGGGAAAGTCTTGGAACTCAGGTTACCCTTGAAG 1500 |

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US-10-093-766-35 US-60-172-377-13437 US-60-238-331-126

US-09-974-298-126 US-09-996-952-7 US-10-051-835-11

Sequence Sequence Sequence

Query Match

Length

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Description

, OTHER INFORMATION: Incyte ID No: 064516CB1 US-09-974-298-126 and SEW ID NO: 11

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|--------------------------------------|---------------------------------------|---|--|---|---|--|--|--|---|---|--|---|--|---|---|---|--|--|----------------------|
| 481 AACTTTTGCAGCTTTCTCCAAAAAAAAA 509 | 481 AACTITIGCAGCITICTCCAAAAAAAAAA 509 | 421 AGCTGAAACAACACAAAACTGTTTTTATCTAAGATATTTGACTTAAAAATATCAAAATA 480 | 421 AAGCTGAAACAAAACTGTTTTTATCTAAGATATTTGACTTAAAAATATCAAAAATA 480 | 361 ATCAGAACAATTTAAAATGCCAGAAGGAAGGTGACAGGCAACCACAGGTTTAAATGAAGAÇ 420 | 361 ATCAGAACAATTTAAAATGCCAGAGAGGGGGGGGGACCAGGCTACAGGTTTAAATGAAGAC 420 | 301 GTCAAAGACTGGGGGTGAATGTGGAAAATGGTCCTGATGACCAGGGGAAAGATTCTGCCAAA 360 | 301 GTCAAAGACTGGGGGTGAATGTGGAAATGGTCCTGATGACCAGGGGAAGATTCTGCCAAA 360 | 241 TCAGGGTGCAGCTGAGACTCAAGTGCCTGAACCTGAAGCTGATCTCCAGGAGCTGTCTCA 300 | 241 TCAGGGTGCAGCTGAGACTCAAGTGCCTGAACCTGGAAGCTGATCTCCAGGAGCTGTCTCA 300 | 181 GCAAGAGGAACCACCAACTGAAAAGTCGGGATCCTGCACCTGGTCAGGAGAGAGA | 181 GCAAGAGGAACCACCAACTGAAAGTCGGGATCCTGCACCTGGTCAGGAGAGAGA | 121 AAGTGTACCACCTCCTGAGCTGATTGGGCCTATGCTGGAGCCCCGGTGATGAGGAGCCTCA 180 | 121 AAGTGTACCACCTCCTGAGCTGATTGGGCCTATGCTGGAGCCCGGTGATGAGGAGCCTCA 180 | 61 CGCAGCTGTGTAAATATGATTTTGGCGAGGAAGATCAACATATAGGCCTAGGCCGAGGAG 120 | 61 CGCAGCTGTGTGAAATATGATTTGGCGAGGAAGATCAACATATAGGCCTAGGCCGAGGAG 120 | 1 GAGTTGTGAGGGTGTGAGGGTCGCGTTCCTGCTGTCTGGACTTTTTCTGTCCCACTGAGA 60 | 1 GAGTIGIGAGGGIGIGAGGGICGCGITCCTGCTCTTGAACTTTTTCTGTCCCACTGAGA 60 | LOCAL SIMILATITY 100.08; FIEW. NO. 25-127; Indels 0; Gaps 0; | 100.0%; Score 509; D |
| | | | | | | | | | | | | | | | | | | | |

483.4

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PCT-US03-38193-7668
4 US-10-723-860-7668
4 US-09-834-366-12130
5 US-60-197-873-12130

US-60-277-380-35

Sequence Sequence

483.

421.4 412.6 412.6 393.8

ALIGNMENTS

452. 452. 435.

US-09-652-918-5956

480. 480. 480. 480. 480. 457.

PCT-US01-08631-5288
4 US-60-19-834-366-6618
5 US-60-197-873-6618
6 US-09-205-070-13741
8 US-09-340-623-13741
6 US-09-898-888-13741
6 US-09-898-888-13741
4 US-09-898-888-13743
4 US-09-898-888-13747
9 US-09-898-888-13747
6 US-09-898-888-13747 CANCER Sequence 11, Appl Sequence 7668, Appl Sequence 7668, Appl Sequence 12130, A Sequence 317, Appl Sequence 3717, Appl Sequence 3717, Appl Sequence 3717, Appl Sequence 634, Appl Sequence 634, Appl Sequence 634, Appl Sequence 634, Appl Sequence 441, Appl Sequence 441, Appl Sequence 4519, Appl Sequence 4519, Appl Sequence 4519, Appl Sequence 6619, Ap Sequence Sequence Sequence Sequence US-09-996-952-7

Sequence 7, Application US/09996952

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Walker, Michael G.

APPLICANT: Walker, Michael G.

APPLICANT: WHICH SOUTH MICHAEL G.

APPLICANT: WHICH SOUTH MICHAEL G.

APPLICANCO NUMBER: US/09/996,952

CURRENT APPLICANCO NUMBER: US/09/996,952

CURRENT FILING DATS. 2001-11-27

NUMBER OF SEQ ID NOS: A

SOUTWARE: PERL Program

SEQ ID NO 7

ELEGITH: 509

TYPE: Non. ; NAME/KEY: misc_feature ; OTHER INFORMATION: Incyte US-09-996-952-7 Query Match 100.0%; Best Local Similarity 100.0%; Matches 509; Conservative 0 TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: 0, Score 509; DB 42 pred. No. 2e-124; ; Mismatches 0 253708 DB 42; Indels Leagth 509; 0 Gaps HGAGA 60 0

POH TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KBY: misc_feature

APPLICANT: Chen, Huei-Mei
TITLE OF INVENTION: GENES EXPRESSED IN BREAST CAN
TITLE REFERENCE: PA-0037 P
FILE REFERENCE: PA-0037 P
CURRENT APPLICATION NUMBER: US/09/974,298
CURRENT FILING DATE: 2001-10-04
PRIOR APPLICATION NUMBER: 60/238,331
PRIOR PILING DATE: 2000-05-10
NUMBER: 60/258,331
PRIOR PILING DATE: 2000-05-10
NUMBER: 00/258,331
PRIOR PILING DATE: 2000-05-10
NUMBER: 00/258,000-05-10
SOFTWARE: PERL Program
SEQ ID NO 126
LENGTH: 509 RESULT 1
US-09-974-298-126
; Sequence 126, Application US/09974298
; GENERAL INFORMATION:
; GENERAL UNFORMATION:

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GAGTTGTGAGGGTGTGAGGGTCGCGGTTCCTGCTGTCTGGACTTTTTCTGTCC